## PATENT APPLICATION FEE DETERMINATION RECORD

Effective December 29, 1999

| CLA               | IMS AS   | FILED - PA | RTI              |  |  |  |
|-------------------|----------|------------|------------------|--|--|--|
| CLA               |          | olumn 1)   | (Column 2)       |  |  |  |
| DR                | NUMBE    |            | NUMBER EXTRA     |  |  |  |
| ASIC FEE          |          |            |                  |  |  |  |
| DTAL CLAIMS       | Ji       | minus 20=  |                  |  |  |  |
| DEPENDENT CLAIMS  | . 5      | minus 3 =  | *                |  |  |  |
| ULTIPLE DEPENDENT | CLAIM PF | RESENT     |                  |  |  |  |
|                   |          |            | work in column 2 |  |  |  |

If the difference in column 1 is less than zero, enter "0" in column 2

|   | TYPE [ |        | OR | SMALL ENTITY |          |  |  |  |
|---|--------|--------|----|--------------|----------|--|--|--|
| ſ | RATE   | FEE    |    | RATE         | FEE      |  |  |  |
| Ì |        | 345.00 | OR |              | 690.00   |  |  |  |
|   | X\$ 9= |        | OR | X\$18=       | ;)<br>;( |  |  |  |
|   | X39=   |        | OR | X78=         |          |  |  |  |
|   | +130=  |        | OR | +260=        |          |  |  |  |
| 1 | TOTAL  |        | OR | TOTAL        |          |  |  |  |

SMALL ENTITY

Applied the Cocket Name (

OTHER THAN

#### CLAIMS AS AMENDED - PART II

|        |             | (Column 1)                                |               | (Column 2) (Column                          |                  |  |  |  |  |
|--------|-------------|---|---------------|---|------------------|--|--|--|--|
| Z 1813 | A           | CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT |               | HIGHEST<br>NUMBER<br>PREVIOUSLY<br>PAID FOR | PRESENT<br>EXTRA |  |  |  |  |
| N V    | Total       | . 26                                      | Minus         | ****  | =                |  |  |  |  |
| Ī      | Independent | . 6                                       | Minus         | 3   | =                |  |  |  |  |
| Ā      |             | NTATION OF M                              | PENDENT CLAIM |   |                  |  |  |  |  |

| <del></del>  |    | OTHER THAN   |
|--------------|----|--------------|
| SMALL ENTITY | OR | SMALL ENTITY |
|              |    |              |

| RATE                | ADDI-<br>TIONAL<br>FEE |    | RATE                | ADDI-<br>TIONAL<br>FEE |
|---------------------|------------------------|----|---------------------|------------------------|
| X\$ 9=              |                        | OR | X\$18=              |                        |
| X39=                |                        | OR | X78=                | ~                      |
| +130=               |                        | OR | +260=               |                        |
| TOTAL<br>ADDIT. FEE |                        | OR | TOTAL<br>ADDIT. FEE |                        |

|             |  | (Column 1)                       |       | (Column 2)                                  | (Column 3)       |  |  |  |  |  |
|-------------|--|----------------------------------|-------|---|------------------|--|--|--|--|--|
| AMENDWENT B |  | CLAIMS REMAINING AFTER AMENDMENT |       | HIGHEST<br>NUMBER<br>PREVIOUSLY<br>PAID FOR | PRESENT<br>EXTRA |  |  |  |  |  |
|             | Total  |                                  | Minus | **  | =                |  |  |  |  |  |
|             | Independent                                    | *                                | Minus | ***   | =                |  |  |  |  |  |
| ₽           | FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM |                                  |       |   |                  |  |  |  |  |  |

| RATE                | ADDI-<br>TIONAL<br>FEE |    | RATE                | ADDI-<br>TIONAL<br>FEE |
|---------------------|------------------------|----|---------------------|------------------------|
| X\$ 9=              |                        | OR | X\$18=              |                        |
| X39=                |                        | OR | X78=                |                        |
| +130=               |                        | OR | +260=               |                        |
| TOTAL<br>ADDIT. FEE |                        | OR | TOTAL<br>ADDIT, FEE |                        |

|             | (Column 1)                       |            | (Column 2)                                  | (Column 3)       |  |  |
|-------------|----------------------------------|------------|---|------------------|--|--|
|             | CLAIMS REMAINING AFTER AMENDMENT |            | HIGHEST<br>NUMBER<br>PREVIOUSLY<br>PAID FOR | PRESENT<br>EXTRA |  |  |
| Total       | *                                | Minus      | ••  | =                |  |  |
| Independent |                                  | Minus      | ***   | =                |  |  |
|             | ENTATION OF M                    | ULTIPLE DI | EPENDENT CLAIM                              |                  |  |  |

| RATE       | ADDI-<br>TIONAL<br>FEE |    | RATE               | ADDI-<br>TIONAL<br>FEE |
|------------|------------------------|----|--------------------|------------------------|
| X\$ 9=     |                        | OR | X\$18=             |                        |
| X39=       |                        | OR | X78=               |                        |
| +130=      |                        | OR | +260=              |                        |
| TOTAL      |                        | OR | TOTAL<br>ADDIT FEE |                        |
| ADDIT, FEE |                        | -4 | , , ,              |                        |

\* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."

\*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."

\*\*\* TOTAL ADDIT. FEE

ADDIT. FEE

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

Application or Docket Number

#### PATENT APPLICATION FEE DETERMINATION RECORD

Effective October 1, 2001

|           | CLAIMS AS FILED - PART I SMALL ENTITY OTHER THAN |   |                    |                      |                                 |                  |                                 |                        |    |                        |                        |
|-----------|--|---|--------------------|----------------------|---------------------------------|------------------|---------------------------------|------------------------|----|------------------------|------------------------|
|           |  | CLAIMS AS   | FILED -<br>(Column |                      | (Colui                          | mn 2)            | SMALL EI                        | YTITY                  | OR | OTHER<br>SMALL         |                        |
| TO        | TAL CLAIMS                                       |   |                    |                      |                                 |                  | RATE                            | FEE                    |    | RATE                   | FEE                    |
| FO        | R  |   | NUMBER             | FILED                | NUMB                            | ER EXTRA         | BASIC FEE                       | 370.00                 | OR | BASIC FEE              | 740.00                 |
| то        | TAL CHARGEA                                      | BLE CLAIMS  | min                | ius 20=              | *                               |                  | X\$ 9=                          |                        | OR | X\$18=                 |                        |
| IND       | EPENDENT CL                                      | AIMS  | mi                 | nus 3 =              | *                               |                  | X42=                            |                        | OR | X84=                   |                        |
| MU        | LTIPLE DEPEN                                     | DENT CLAIM P  | RESENT             |                      |                                 |                  | +140=                           |                        | OR | +280=                  | *                      |
| * If      | the difference                                   | in column 1 is  | less than ze       | ero, ente            | r "0" in c                      | olumn 2          | TOTAL                           |                        | OR | TOTAL                  |                        |
|           | C  | LAIMS AS A  | MENDEC             | <b>PAR</b><br>(Colu  |                                 | (Column 3)       | SMALL                           | ENTITY                 | OR | OTHER<br>SMALL I       |                        |
| NTA       |  | (Column 1) CLAIMS REMAINING AFTER AMENDMENT   |                    | HIGH<br>NUM<br>PREVI | HEST<br>IBER<br>OUSLY<br>FOR    | PRESENT<br>EXTRA | RATE                            | ADDI-<br>TIONAL<br>FEE |    | RATE                   | ADDI-<br>TIONAL<br>FEE |
| AMENDMENT | Total  | *   | Minus              | **                   |                                 | =                | X\$ 9=                          |                        | OR | X\$18=                 |                        |
| MEN       | Independent                                      | *   | Minus              | ***                  |                                 | =                | X42=                            |                        | OR | X84=                   |                        |
| \\\       | FIRST PRESE                                      | NTATION OF M  | ULTIPLE DEI        | PENDEN               | T CLAIM                         |                  | +140=                           |                        | OR | +280=                  |                        |
|           |  |   |                    |                      |                                 |                  | TOTAL<br>ADDIT, FEE             |                        |    | TOTAL<br>ADDIT. FEE    |                        |
|           | $\mathcal{Q}$                                    | (Column 1)  |                    | (Colu                | ımn 2)                          | (Column 3)       | ADDIT. FEE                      | L                      | •  | ADDIT: TEL             |                        |
| ENT B     |  | CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT   |                    | NUN<br>PREV          | HEST<br>MBER<br>IOUSLY<br>D FOR | PRESENT<br>EXTRA | RAŢE                            | ADDI-<br>TIONAL<br>FEE |    | RATE                   | ADDI-<br>TIONAL<br>FEE |
| MOZ       | Total  | *//   | Minus              | ** 0                 | 2/-                             | =                | X\$ 9=                          |                        | OR | X\$18=                 |                        |
| AMENDMENT | Independent                                      | * <del>\( \text{\tin}\exitt{\text{\tin}\text{\texi\text{\texi}\text{\text{\text{\text{\text{\text{\text{\text{\text{\texi}\text{\text{\text{\text{\text{\text{\text{\texi}\text{\text{\texi}\text{\text{\texi}\text{\text{\text{\text{\texi}\text{\texit{\texi}\text{\text{\ti}\tinttit{\texi}\text{\texi}\text{\texitit}}\texitt{\</del> | Minus              | ***                  | 3                               |                  | X42=                            |                        | OR | X84=                   |                        |
|           | FIRST PRESE                                      | NTATION OF M  | ULTIPLE DE         | PENDEN               | T CLAIM                         |                  | +140=                           |                        | OR | +280=                  |                        |
|           |  |   |                    |                      |                                 |                  | TOTAL<br>ADDIT. FEE             |                        | OR | TOTAL<br>ADDIT: FEE    |                        |
|           |  | (Column 1)  |                    | (Colu                | ımn 2)                          | (Column 3)       | ADDIT. FEE                      |                        | ٦. | ADDIT: TEE             |                        |
| ENTC      |  | CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT   |                    | HIG<br>NUI<br>PREV   | HEST<br>MBER<br>IOUSLY<br>D FOR | PRESENT<br>EXTRA | RATE                            | ADDI-<br>TIONAL<br>FEE |    | RATE                   | ADDI-<br>TIONAL<br>FEE |
| N D       | Total  | *   | Minus              | **                   |                                 | =                | X\$ 9=                          |                        | OR | X\$18=                 |                        |
| AMENDMENT | Independent                                      | *   | Minus              | ***                  | ·- ·                            | =                | X42=                            |                        | OR | X84=                   |                        |
|           | FIRST PRESE                                      | ENTATION OF M   | ULTIPLE DE         | PENDEN               | IF CLAIM                        |                  | +140=                           |                        | OR | +280=                  |                        |
|           | If the entry in colu                             | ımn 1 is less than t  | the entry in col   | umn 2, wr            | ite "0" in co                   | olumn 3.         | TOTAL                           |                        | OR | TOTAL                  |                        |
| **        | *If the "Highest Ni                              | ımber Previously F<br>ımber Previously F<br>mber Previously Pa  | Paid For" IN TH    | IIS SPACE            | is less th                      | an 3. enter "3." | ADDIT. FEE<br>r found in the ap |                        |    | ADDIT. FEE<br>olumn 1. | <u> </u>               |

# PATENT APPLICATION FEE DETERMINATION RECORD

Effective October 1, 2001

| AND CO | 1156311              | - ' | 1 (2) | L-1./C | ne | (140 | #1 19 L. | <i>)</i> = 1 |   |
|--------|----------------------|-----|-------|--------|----|------|----------|--------------|---|
|        |                      |     |       |        | 1  | 4.   |          |              | 1 |
|        | $\mathbf{v}^{\circ}$ | ì   | 1.    |        | 1  |      |          |              | 1 |

|              |                     | CLAIMS AS                                 | Golumn          |                      | l<br>(Colun                        | nn 2)            |                | IALL EN            |                        | OR        | OTHER<br>SMALL I    |                        |
|--------------|---------------------|---|-----------------|----------------------|------------------------------------|------------------|----------------|--------------------|------------------------|-----------|---------------------|------------------------|
| то           | TAL CLAIMS          |   |                 |                      |                                    |                  | F              | RATE               | FEE                    |           | RATE                | FEE                    |
| FO           |                     |   | NUMBER F        | ILED                 | NUMBE                              | BA               | ASIC FEE       | 370.00             | OR                     | BASIC FEE | 740.00              |                        |
| TO           | TAL CHARGEA         | BLE CLAIMS                                | min             | us 20=               | *                                  |                  | 1              | X\$ 9=             |                        | OR        | X\$18=              |                        |
| IND          | EPENDENT CL         | AIMS                                      | mir             | nus 3 =              | *                                  |                  |                | X42=               |                        | OR        | X84=                |                        |
| ΜU           | LTIPLE DEPEN        | DENT CLAIM PI                             | RESENT          |                      |                                    |                  |                | +140=              |                        | OR        | +280=               |                        |
| * If         | the difference      | in column 1 is                            | less than ze    | ro, ente             | r "0" in co                        | olumn 2          | 1              | ΓΟΤΑL              |                        | OR        | TOTAL               |                        |
|              |                     | LAIMS AS A                                |                 | - PAR                | IT II                              | (Column 3)       | ş              | SMALL E            | NTITY                  | OR        | OTHER<br>SMALL      |                        |
| AMENDMENT A  | <u>~_</u>           | CLAIMS<br>REMAINING<br>AFTER              |                 | HIGH<br>NUM<br>PREVI | HEST<br>MBER<br>HOUSLY<br>FOR      | PRESENT<br>EXTRA |                | RATE               | ADDI-<br>TIONAL<br>FEE |           | RATE                | ADDI-<br>TIONAL<br>FEE |
| OME          | Total               | AMENDMENT                                 | Minus           |                      | иO                                 | =                |                | X\$ 9=             |                        | OR        | X\$18=              |                        |
| MEN          | Independent         | * 🗓                                       | Minus           | ***                  | 2                                  | =                |                | X42=               |                        | OR        | X84=                |                        |
|              | FIRST PRESE         | NTATION OF M                              | ULTIPLE DEI     | PENDEN               | IT CLAIM                           |                  |                | +140=              |                        | OR        | +280=               |                        |
| 1            |                     |   |                 |                      |                                    |                  | AD.            | TOTAL<br>DIT. FEE  |                        | OR        | TOTAL<br>ADDIT. FEE |                        |
| )            |                     | (Column 1)                                |                 | (Colu                | ımn 2)                             | (Column 3)       |                |                    |                        |           |                     |                        |
| AMENDMENT-D- |                     | CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT |                 | NUI<br>PREV          | HEST<br>MBER<br>TOUSLY<br>D FOR    | PRESENT<br>EXTRA |                | RATE               | ADDI-<br>TIONAL<br>FEE |           | RATE                | ADDI-<br>TIONAL<br>FEE |
| OME.         | Total               | * S                                       | Minus           | **                   | 90                                 | =                |                | X\$ 9=             |                        | OR        | X\$18=              |                        |
| MEN          | Independent         | . 2                                       | Minus           | ***                  | 2                                  | =                |                | X42=               |                        | OR        | X84=                |                        |
|              | FIRST PRESE         | ENTATION OF M                             | IULTIPLE DE     | PENDEN               | IT CLAIM                           |                  | <b>ا</b> ا     | +140=              |                        | OR        | +280=               |                        |
|              |                     |   |                 |                      |                                    |                  | <b>L</b><br>Al | TOTAL<br>ODIT. FEE |                        | OR        | TOTAL<br>ADDIT. FEE |                        |
|              |                     | (Column 1)                                |                 | (Col                 | umn 2)                             | (Column 3)       |                |                    |                        | _         |                     |                        |
| AMENDMENT C  |                     | CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT |                 | NU<br>PRE\           | HEST<br>IMBER<br>VIOUSLY<br>ID FOR | PRESENT<br>EXTRA |                | RATE               | ADDI-<br>TIONAL<br>FEE |           | RATE                | ADDI-<br>TIONAL<br>FEE |
|              | Total               | *   | Minus           | **                   |                                    | =                | ] [            | X\$ 9=             |                        | OR        | X\$18=              |                        |
| X            | Independent         | ,   | Minus           | ***                  |                                    | ]=               | 4              | X42=               |                        | OR        | X84=                |                        |
|              | FIRST PRES          | ENTATION OF                               | MULTIPLE DI     | EPENDE               | NT CLAIN                           | 1                | ┙┞             | +140=              |                        | OR        | +280=               |                        |
| .   ,        | If the entry in ∞   | lumn 1 is less thar                       | the entry in co | olumn 2, w           | rite "0" in c                      | olumn 3.         | L<br>o" .      | TOTAL              |                        | OR        | TOTA                |                        |
|              | * If the "Highest N |   | Paid For IN I   | nio orac             | 15 1000 th                         | and onter "3"    | ber fou        | DDIT. FEE          |                        | ox in c   |                     |                        |

### Inn riled clales PATENT APPLICATION FEE DETERMINATION RECORD

pplication or Docket Number

| Effective October 1, 2001   |   |                                  |                                 |                      |                                 |                  |              |                   |                        |    |                     |                        |  |
|---|---|----------------------------------|---------------------------------|----------------------|---------------------------------|------------------|--------------|-------------------|------------------------|----|---------------------|------------------------|--|
|   |   | CLAIMS AS                        | GFILED - PART I<br>(Column 1)   |                      | (Column 2)                      |                  | SMAL<br>TYPE | SMALL ENTITY TYPE |                        | OR | OTHER<br>SMALL      |                        |  |
| TOTAL CLAIMS  |   |                                  |                                 |                      |                                 |                  | RAT          | E                 | FEE                    |    | RATE                | FEE                    |  |
| FOR   |   |                                  | NUMBER FILED                    |                      | NUMBER EXTRA                    |                  | BASIC        | FEE               | 370.00                 | OR | BASIC FEE           | 740.00                 |  |
| TOTAL CHARGEABLE CLAIMS   |   |                                  | minus 20=                       |                      | *                               |                  | X\$ 9        | 9=                |                        | OR | X\$18=              |                        |  |
| INDEPENDENT CLAIMS  |   |                                  | minus 3 =                       |                      | *                               |                  | X42          | ?=                |                        | OR | X84=                |                        |  |
| МU  | LTIPLE DEPENI   | DENT CLAIM PF                    | RESENT                          |                      |                                 |                  | +14          | D=                |                        | OR | +280=               |                        |  |
| * If  | the difference i  | in column 1 is l                 | less than zero, enter "0" in co |                      |                                 | olumn 2          | TOT          | AL                |                        | OR | TOTAL               |                        |  |
|   |   |                                  | MENDED - PART II<br>(Column 2)  |                      |                                 | (Column 3)       | SMA          | SMALL ENTITY      |                        | OR | OTHER<br>SMALL      |                        |  |
| ATN.  |   | CLAIMS REMAINING AFTER AMENDMENT |                                 | HIGH<br>NUM<br>PREVI | IEST<br>IBER                    | PRESENT<br>EXTRA | RAT          | E                 | ADDI-<br>TIONAL<br>FEE |    | RATE                | ADDI-<br>TIONAL<br>FEE |  |
| AMENDMENT'A   | Total   | * 15                             | Minus                           | ** 2                 |                                 | =                | X\$.         | 9=                |                        | OR | X\$18≃              |                        |  |
|   | Independent   | * 2                              | Minus                           | *** 2                | <u> </u>                        | =                | X42          | =                 |                        | OR | X84=                |                        |  |
|   | FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM  |                                  |                                 |                      |                                 |                  |              | )=<br>_           |                        | OR | +280=               |                        |  |
|   |   |                                  |                                 |                      |                                 |                  | TC<br>ADDIT. | TAL               |                        | OR | TOTAL<br>ADDIT. FEE |                        |  |
|   |   | (Column 1)                       |                                 | (Colu                | mn 2)                           | (Column 3)       | ADDI1.       | 1                 |                        | -  |                     |                        |  |
| NT B  |   | CLAIMS REMAINING AFTER AMENDMENT |                                 | HIGH<br>NUM<br>PREVI | HEST<br>MBER<br>IOUSLY<br>) FOR | PRESENT<br>EXTRA | RAT          | E                 | ADDI-<br>TIONAL<br>FEE |    | RATE                | ADDI-<br>TIONAL<br>FEE |  |
| AMENDMENT   | Total   | *                                | Minus                           | **                   |                                 | =                | X\$          | 9=                |                        | OR | X\$18=              |                        |  |
| MEN   | Independent   | *                                | Minus                           | ***                  |                                 | =                | X42          | 2=                |                        | OR | X84=                |                        |  |
| Ľ   | FIRST PRESENTATION OF MULTIPLE DEPENDENT O  |                                  |                                 |                      | T CLAIM                         |                  | +14          | 0=                |                        | OR | +280=               |                        |  |
|   |   |                                  |                                 |                      |                                 |                  | TO<br>ADDIT. | TAL               |                        | OR | TOTAL<br>ADDIT. FEE |                        |  |
|   |   | (Column 1)                       |                                 | (Colu                | ımn 2)                          | (Column 3)       | ADDII.       | ree               |                        | •  | ADDI (. TEE         |                        |  |
| AMENDMENTC  |   | CLAIMS REMAINING AFTER AMENDMENT |                                 | HIG<br>NUM<br>PREV   | HEST<br>MBER<br>IOUSLY<br>D FOR | PRESENT<br>EXTRA | RAT          | ΓE                | ADDI-<br>TIONAL<br>FEE |    | RATE                | ADDI-<br>TIONAL<br>FEE |  |
|   | Total   | *                                | Minus                           | **                   |                                 | =                | X\$          | 9=                |                        | OR | X\$18=              |                        |  |
|   | Independent   | *                                | Minus                           | ***                  |                                 | =                | X4:          | 2=                |                        | OR | X84=                |                        |  |
|   | FIRST PRESENTATION OF MULTIPLE DEPENDEN   |                                  |                                 |                      |                                 |                  | +14          | 0=                |                        | OR | +280=               |                        |  |
| * If the entry in column 1 is less than the entry in column 2, write "0" in column 3. |   |                                  |                                 |                      |                                 |                  |              |                   | <del></del>            | 1  | TOTAL               |                        |  |
|   | * If the entry in column 1 is less than the entry in column 2, write "0" in column 3.  ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."  ****If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."  The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1. |                                  |                                 |                      |                                 |                  |              |                   |                        |    |                     |                        |  |